



## MODULAR TACTICAL VEST



OTV



SAPI



Load Bearing

### REQUIREMENT

MNS Log 42 Marine Enhancement Program dtd 22 Sep 93  
ORD Log 42.9 Family of Body Armor w/chg7 dtd 15 Mar 06

### OVERVIEW

The Marine Corps is looking to acquire an integrated Modular Tactical Vest (MTV) system. The MTV would optimize ballistic protection, and provide modular/scalable load-carrying capabilities to better enable the Marine to configure OTV components to best meet specific mission. The MTV would optimize human factors (e.g., comfort and usability), protection (from enemy threats and environment), and cost (production and maintenance).

The OTV is not designed, but is being used for, carrying equipment and items during USMC missions. Consequently, the OTV lacks efficient state-of-the-art load carrying capabilities that limit the user's effectiveness to carry additional armor and combat load. The OTV needs to be redesigned to carry a Marine's assault load (i.e. magazines, water, grenades, etc.), as well as, soft/hard armor.

The OTV- load bearing integration program goals will be accomplished in two separate but coordinated phases (short term FY06/07 and long term FY08/09) .

### FIELDING STATUS

It is anticipated that all MTVs will be fielded to operating forces preparing to deploy to Iraq.

A Near Term (FY06 – FY07) solution will be pursued to meet immediate armor protection needs of Marines engaged in current combat operations. Due to the availability of and monetary investment the USMC has made in soft armor, the removable soft armor currently used in the OTV will be re-used in concert with the ultimate industry product solution. Significant Events:

- LUE – 17 to 21 April 2006
- FUE – 11 to 26 July 2006
- Sole source Contract Award – September 2006
- FAT – Early December
- Fielding to begin in early FY07

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